CLAIMS

What is claimed is:

Sub
H1

1   1.   A method comprising:

2   determining an identification corresponding to a device; and

3   remotely loading a user interface from a remote source wherein the user interface

4   corresponds to the identification of the device.

1   2.   The method of claim 1, wherein the identification is selected from the group

2   consisting of global unique identification (GUID) and unit information (UINFO).

1   3.   The method of claim 1, further comprising:

2   remotely searching for a user interface corresponding to the identification.

1   4.   The method of claim 1, wherein the remote source includes the World Wide

2   Web.

1   5.   The method of claim 1, further comprising:

2   remotely loading a user interface corresponding to the identification if a user

3   interface corresponding to the identification is not found by searching locally.

1   6.   The method of claim 5, wherein locally searching includes searching the

2   storage medium of a controller.

1   7.   The method of claim 3, further comprising:

2   loading a basic user interface if a user interface corresponding to the
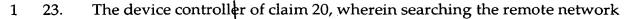
3   identification is not found by searching remotely.

1   8.   The method of claim 7, wherein the basic user interface can be modified
2   through an user input.

1   9.   The method of claim 1, wherein the user interface is loaded on a controller.
1

1   10.   The method of claim 1, wherein the user interface controls the device
2   operation.

1   11.   A method comprising:
2   determining an identification corresponding to a device;
3   loading a particular user interface wherein the particular user interface
4   corresponds to the identification of the device; and
5   loading a basic user interface if the particular user interface is not found.

1   12.   The method of claim 11, wherein the identification is selected from the group
2   consisting of global unique identification (GUID) and unit information (UINFO).

1   13.   The method of claim 11, further comprising:
2   locally searching for a particular user interface; and
3   remotely searching for a particular user interface if a particular user interface
4   is not found by searching locally.

1   14.   The method of claim 13, wherein locally searching includes searching a
2   storage medium of a controller.

1   15.   The method of claim 13, wherein remotely searching includes searching the
2   World Wide Web.

1   16.   The method of claim 11, wherein the basic user interface can be modified
2   through user input.

1   17.   The method of claim 11, wherein the user interface is loaded on a controller.

1   18.   The method of claim 11, wherein the user interface controls the device
2   operation.

1   19.   A device controller comprising:
2   a processor; and
3   the device controller configured to detect the coupling of a device to a first
4   communication medium, to load a user interface that corresponds to an
5   identification received from the device on the device controller, and to load a basic
6   user interface on the device controller if a user interface that corresponds to the
7   identification is not found.

1   20.   The device controller of claim 19, further comprising:
2   the device controller is configured to search for a user interface
3   corresponding to the identification at the locations selected from the group
4   consisting of a storage medium coupled to the processor and a remote network.

1   21.   The device controller of claim 20, further comprising:
2   the device controller is configured to search the remote network if a user interface
3   corresponding to the identification is not found by searching the storage medium
4   coupled to the processor.

1   22.   The device controller of claim 19, wherein the first communication medium
2   is an IEEE 1394 protocol compliant.

080398.P388   16

1   23.   The device controller of claim 20, wherein searching the remote network

2   includes searching across the first communication medium.

1   24.   The device controller of claim 23, wherein the first communication medium

2   is the World Wide Web.

1   25.   The device controller of claim 20, wherein the storage medium is selected

2   from the group consisting of memory and storage devices.

1   26.   The device controller of claim 19, wherein the identification is selected from

2   the group consisting of global unique identification (GUID) and unit information

3   (UINFO).

1   27.   The device controller of claim 19, further comprising a library of customizing

2   tools for a user to modify the basic user interface prior to the loading on the device

3   controller.

1   28.   The device controller of claim 19, further comprising the device controller

2   controls the device operation through the user interface.

1   29.   A computer-readable medium having stored thereon a set of instructions to

2   translate instructions, the set instructions, which when executed by a processor,

3   cause the processor to perform a method comprising:

4   determining an identification corresponding to a device; and

5   remotely loading a user interface from a remote source wherein the user

6   interface corresponds to the identification of device.

1   30.   The computer-readable medium of claim 29, wherein the identification is

2   selected from the group consisting of global unique identification (GUID) or unit

3   information (UINFO).

1   31.   The computer-readable medium of claim 29, further comprising:

2   remotely searching for a user interface corresponding to the identification.

1   32.   The computer-readable medium of claim 29, wherein the remote source

2   includes the World Wide Web.

1   33.   The computer-readable medium of claim 29, further comprising:

2   remotely loading a user interface corresponding to the identification if a user

3   interface corresponding to the identification is not found by searching locally.

1   34.   The computer-readable medium of claim 33, wherein locally searching

2   includes searching the storage medium of a controller.

1   35.   The computer readable medium of claim 31, further comprising:

2   loading a basic user interface if a user interface corresponding to the

3   identification is not found by searching remotely.

1   36.   The computer readable medium of claim 35, wherein the basic user interface

2   can be modified through an user input.

1   37.   The computer readable medium of claim 29, wherein the user interface is

2   loaded on a controller.

1   38.   The computer readable medium of claim 29, wherein the user interface
2   controls the device operation.